PATENT 03345-P0017A WWW

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants	Michael Heuken, et al.
Serial No Pending	Filed: June 1, 2001
Title of Application:	Method And System For Semiconductor Crystal Production With Temperature Management

Assistant Commissioner for Patents Washington, DC 20231

Cover Sheet For Eleven Sheets Of Drawings

Attorney for Applicants Wesley W. Whitmyer, Jr., Registration No. 33,558 ST.ONGE STEWARD JOHNSTON & REENS LLC 986 Bedford Street Stamford, CT 06905-5619 203 324-6155

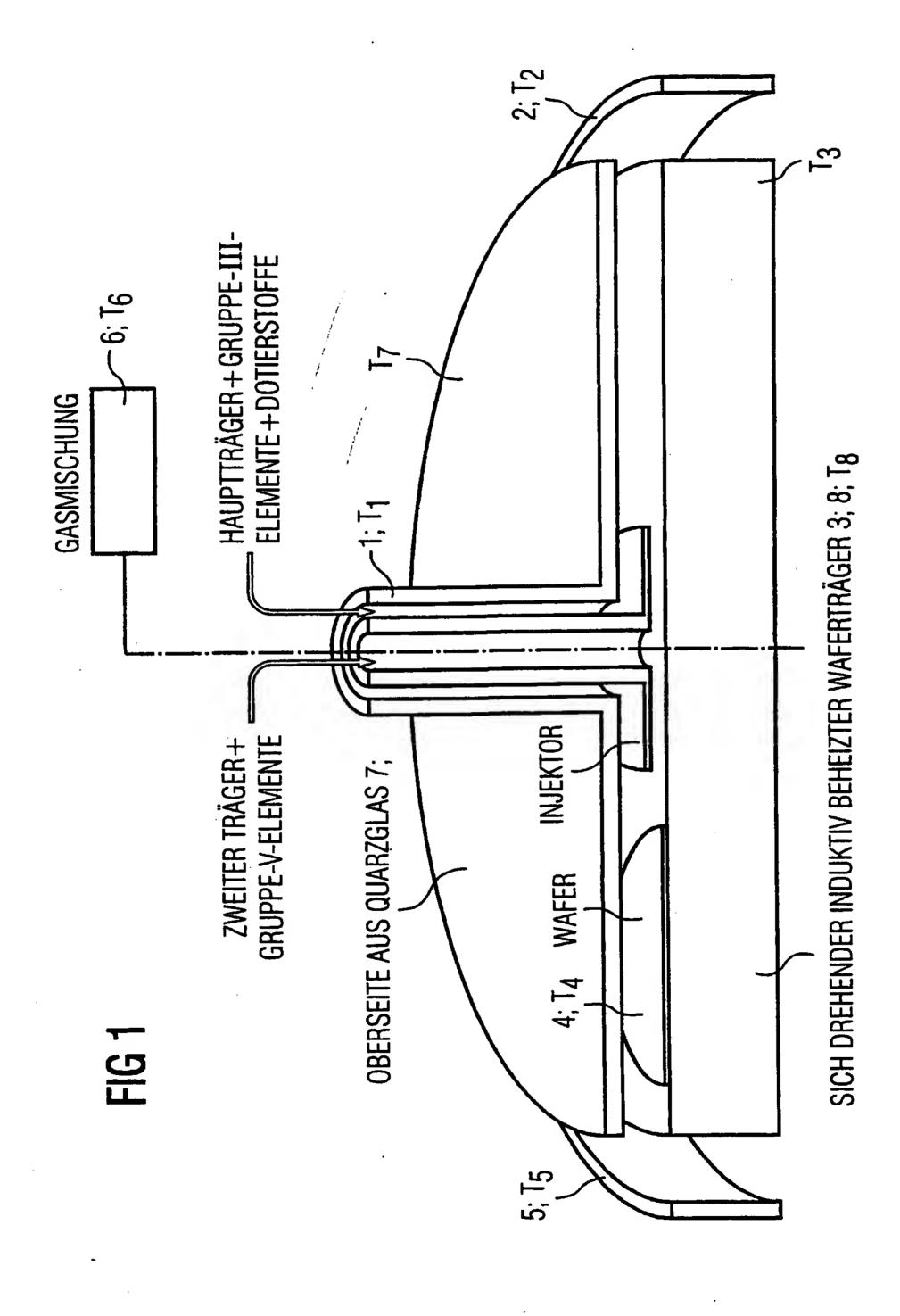
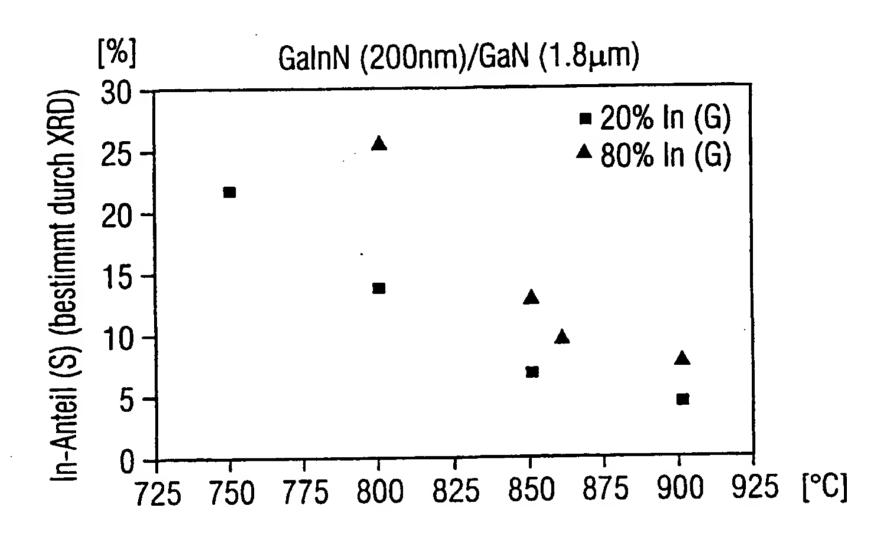
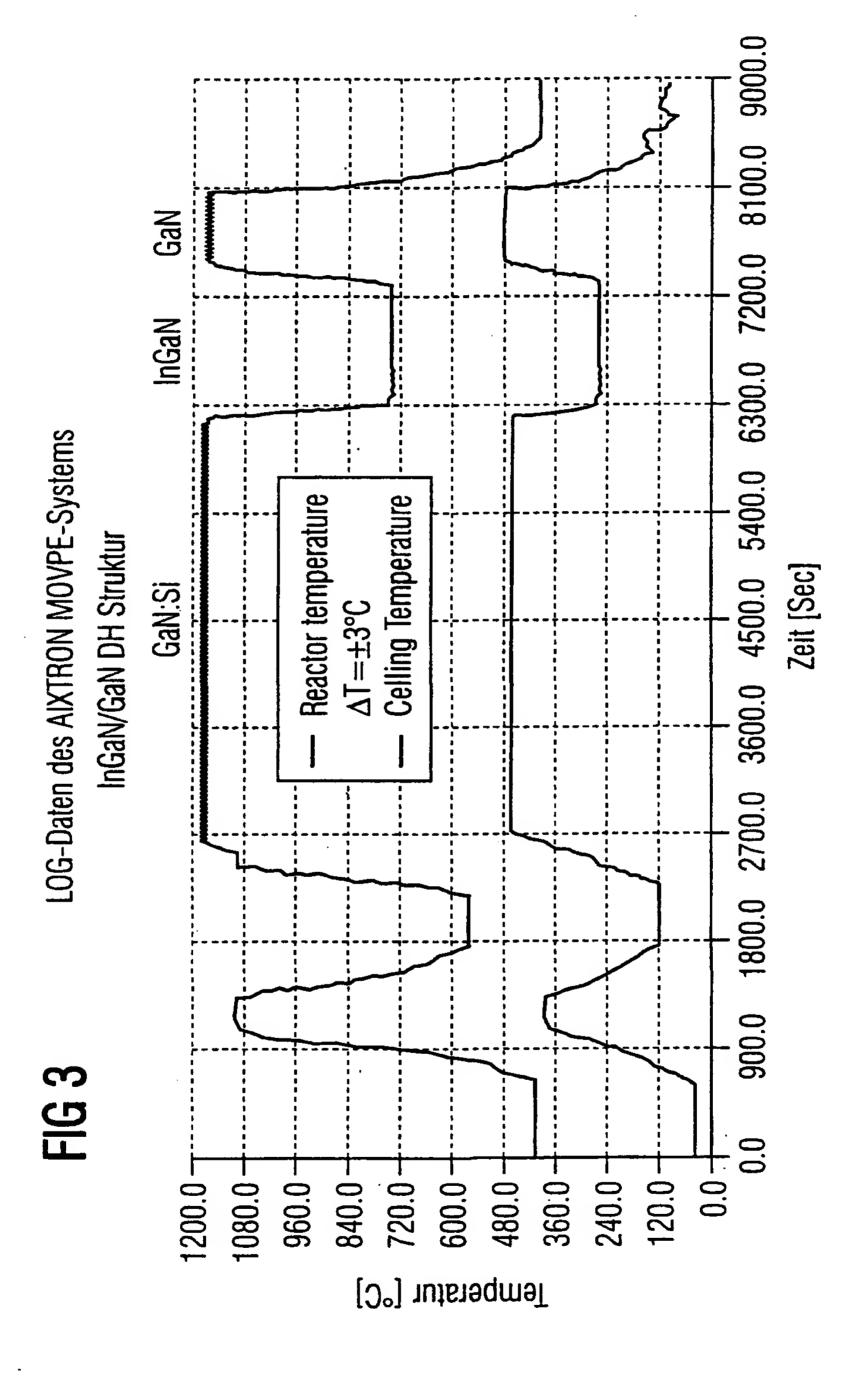
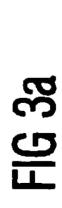


FIG 2
In-Anteil in Abhängigkeit von der Herstellungstemperatur

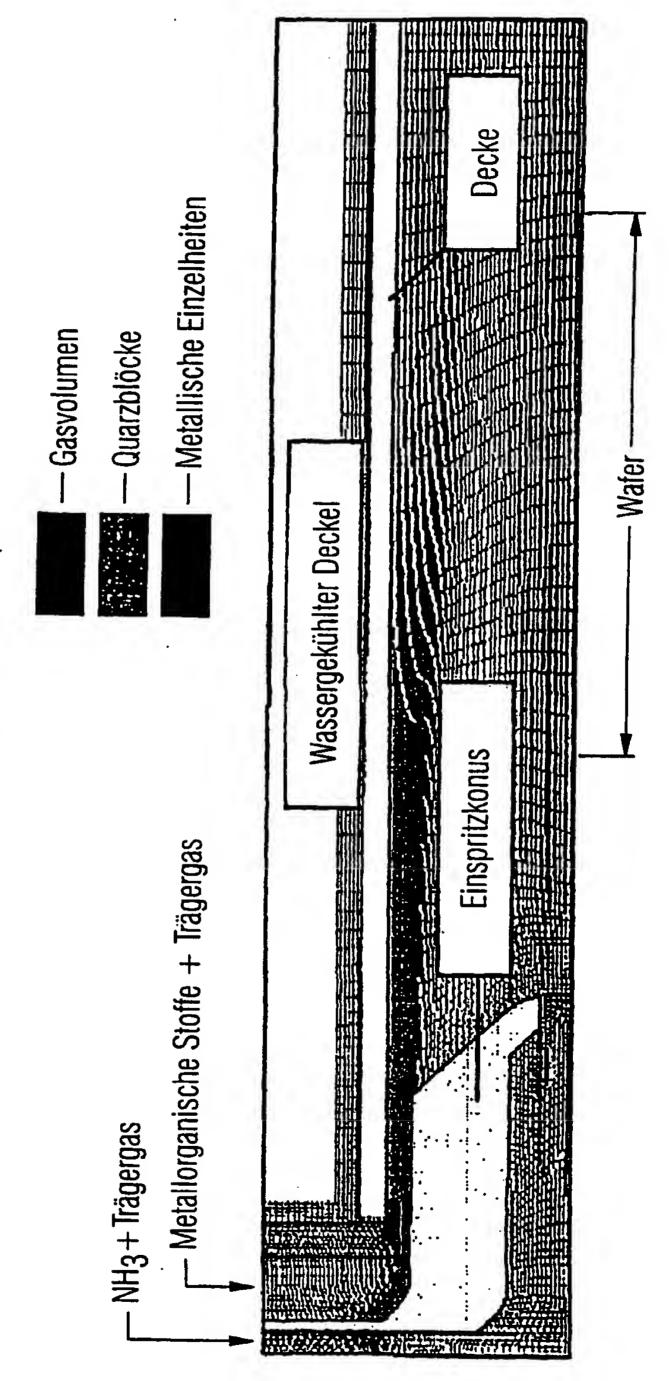






Modell des Massentransports

Schematische Darstellung des Rechenbereichs und des finiten Volumengitters zur Analyse des Massentransports



Temperaturverteilung

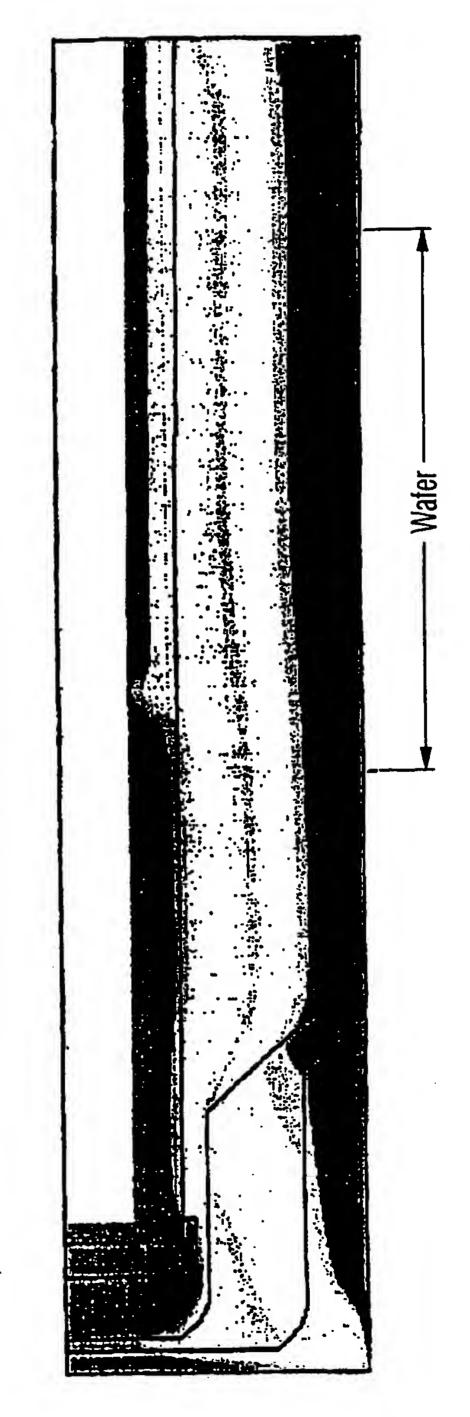
FIG 3b

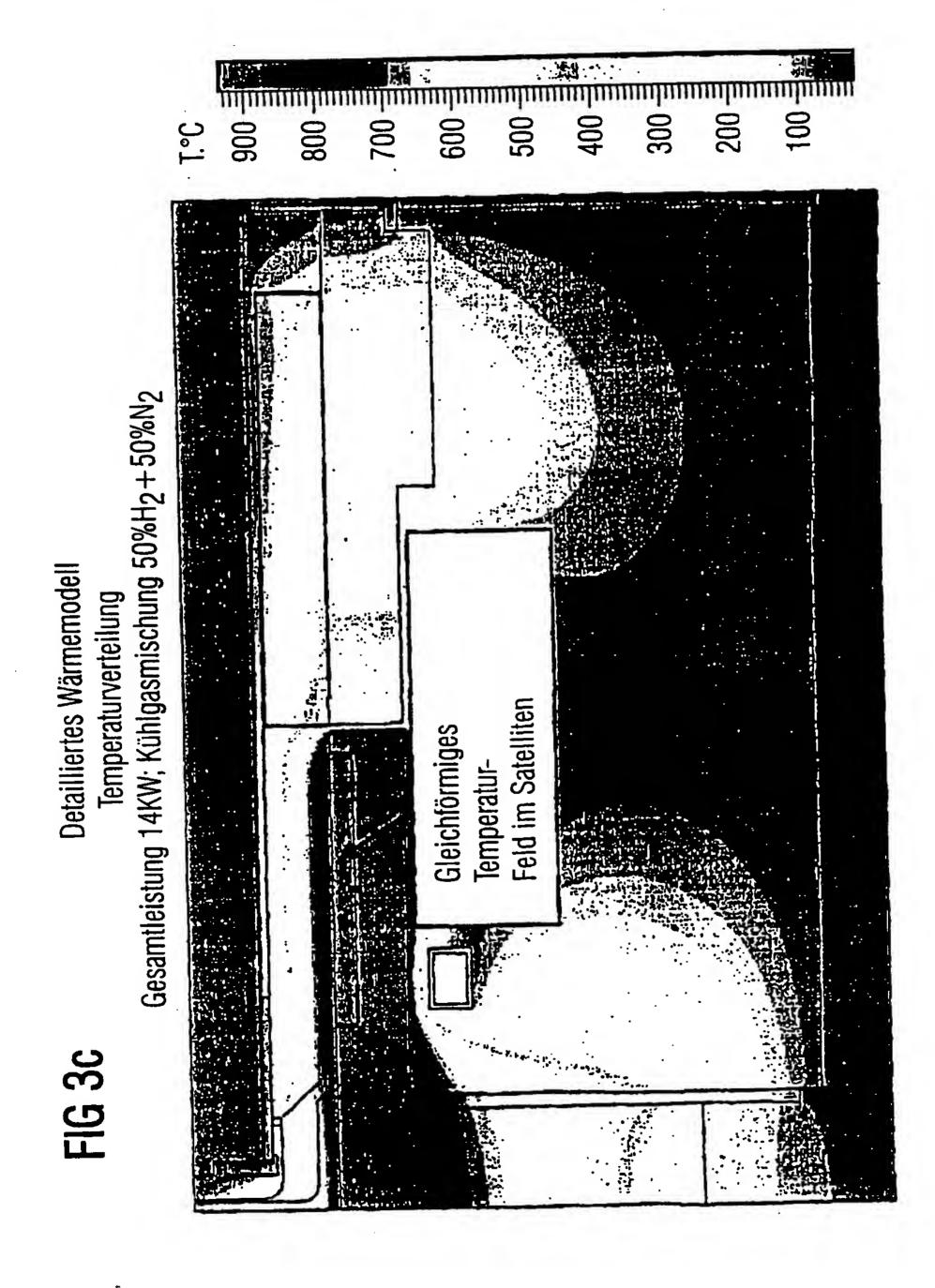
Das Modell erklärt:

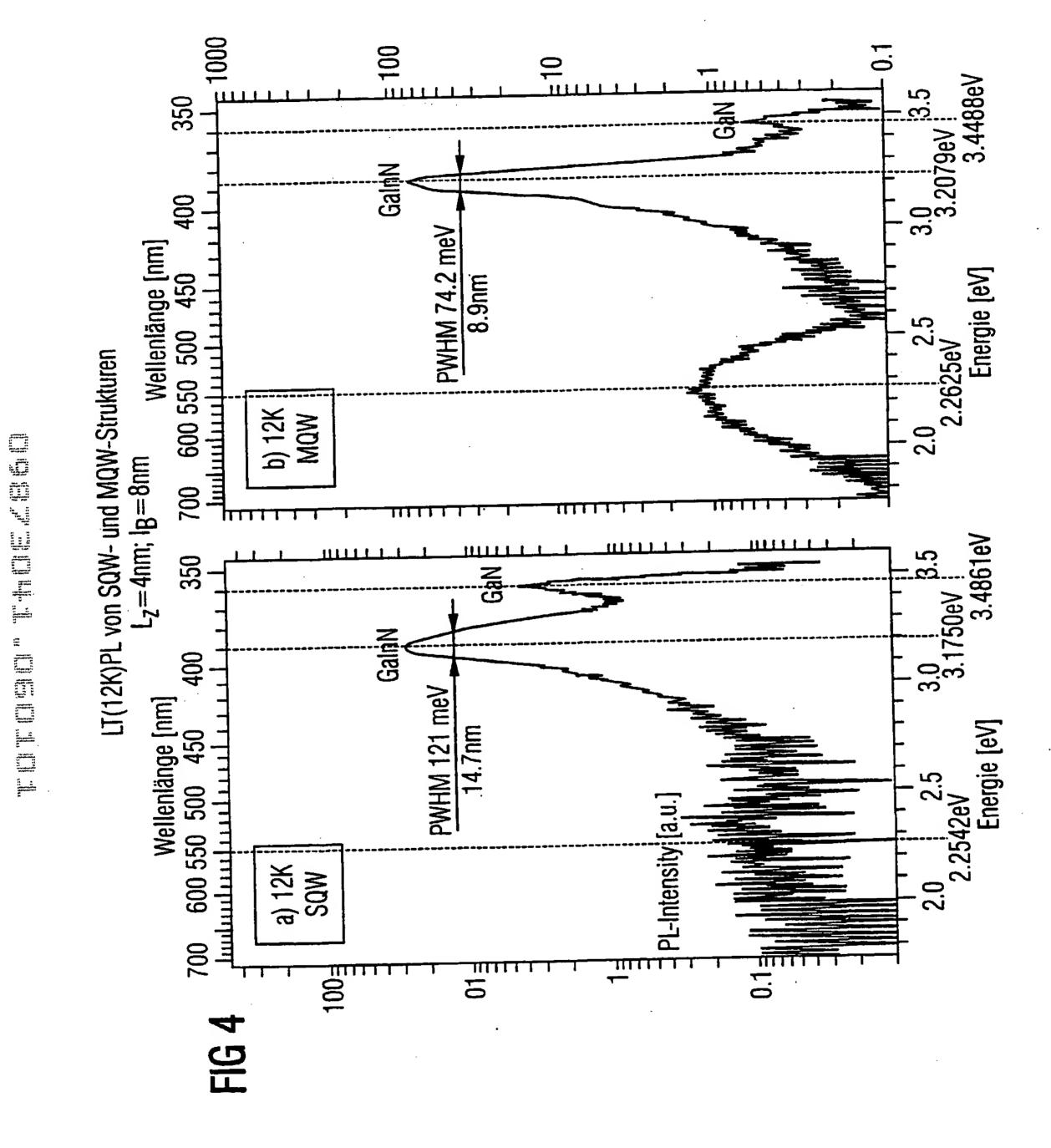
Mischung und Reaktion von Vorläuferströmen,

Grau diffuse Stralung

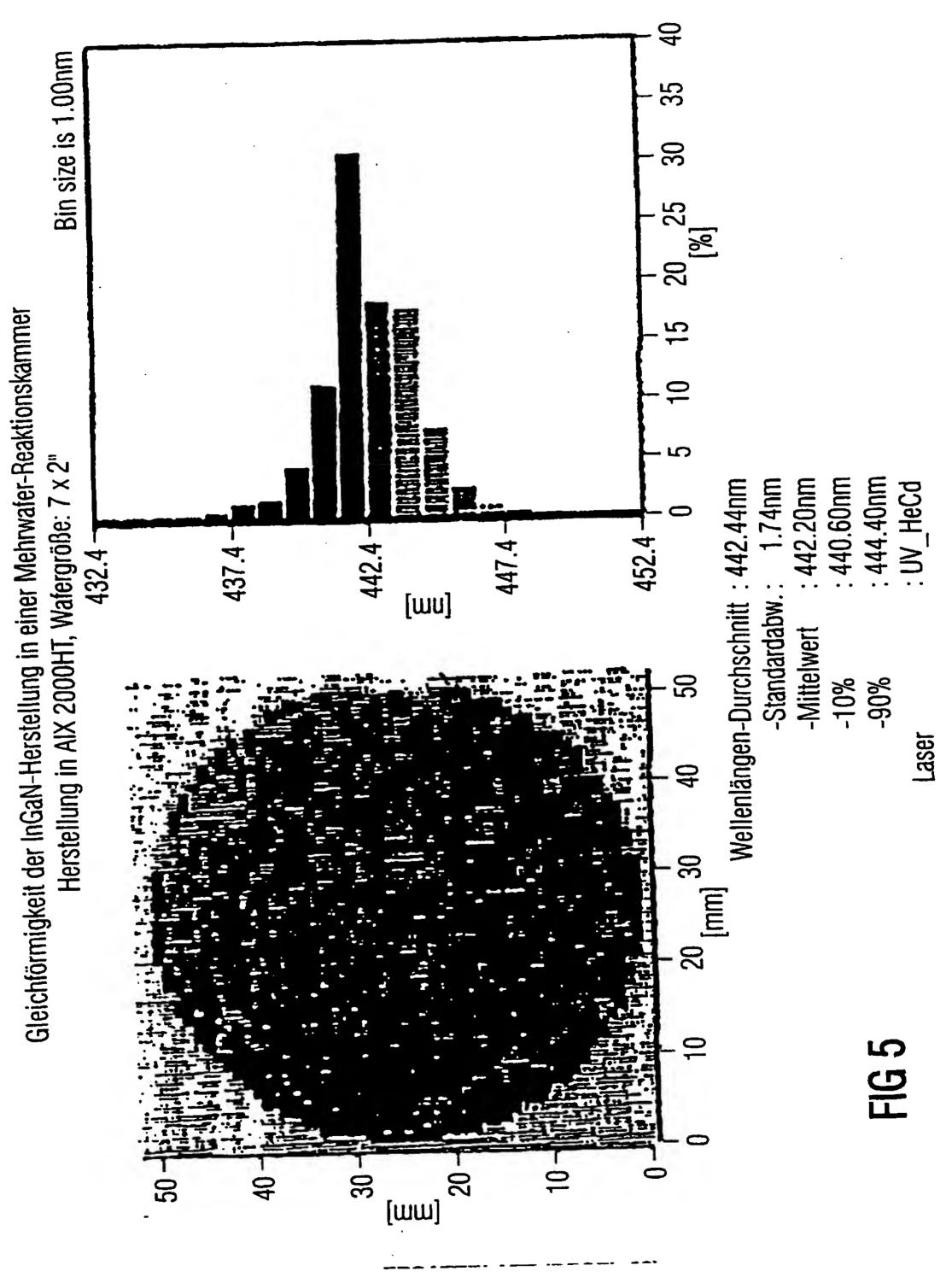
Konjugierte Wärmeübertragung





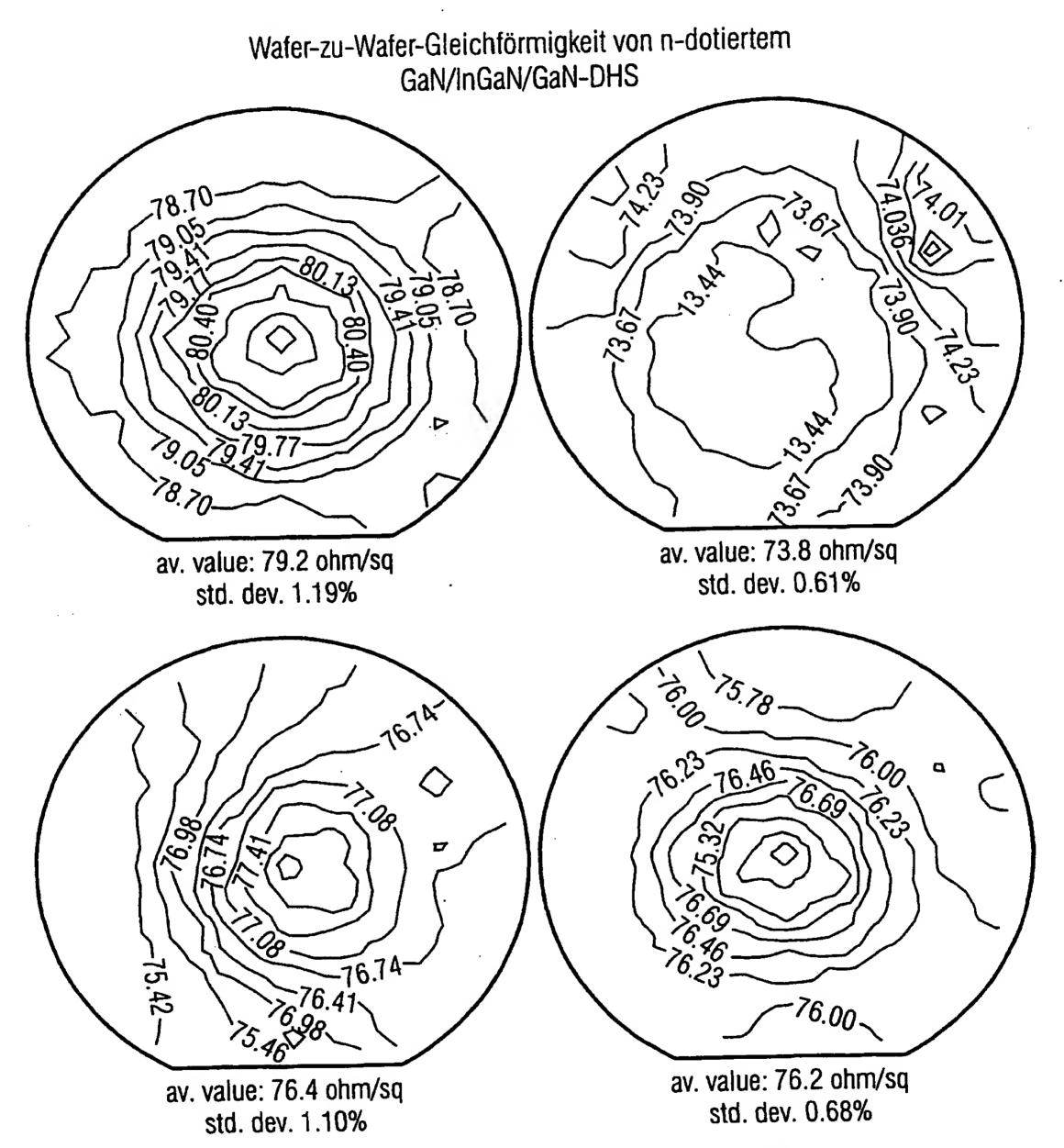






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FIG 6



Wafer-zu-Wafer-Standardabweichung: 2,7%

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